Application No.: 10/539,739 Docket No.: 4590-420

ABSTRACT:

Please replace the current Abstract and enter the following new Abstract.

ABSTRACT

A device for regulating the temperature of a heating wire powered by a DC voltage for de-icing aerodynamic probes used in aeronautics, which includes an electronic switch connected in series with the heating wire, an electronic switch controller, a switching time controller of the electronic switch, wherein the switch time controller of the electric switch control the voltage across the terminals of the switch as a function of a setpoint voltage defining the switching time.